WO 2005/049798 PCT/US2004/037850

Sequence Listing.ST25 SEQUENCE LISTING

		JEQUENCE	LIJIING				
<110>	BioVentures, In Dawson, Elliot Womble, Kristie	Ρ.					
<120>	Method and Substances for Diagnosing Dyslexia						
<130>	14160-1PCT		,				
<150> <151>	60/520,366 2003-11-14						
<160>	25						
<170>	PatentIn version	on 3.2					
<210> <211> <212> <213>	1 3664 DNA Homo sapiens						
<400>	1 agca ttttagcatt	ctttattaat	ttttcaaant	cactaggacc	aannataaca	60	
	catg tgcatacaag					120	
	ctgg aattccattt					180	
	tggc aggaccatgt			•		240	
	tttc aactagtacc				_	300	
	tcta gaatcatgtt					360	
	ggtt caaacaatag					420	
	caaa atatccaaga				_	480	
	cggc ggctgggagt					540	
	taga aggcgtacat			_	_	600	
	ctga tatggttgga					660	
	gtaa aaatagagat					720	
atacat	agag ccaaaacttc	tcatcgatta	gccacctctt	caagtttagg	ggttgaaaat	780	
ctgaaa	caac tacaaacatg	gtatctctct	gaaaaggaga	taacgtaaaa	gttatcacat	840	
attaat	ataa tgtgtatgaa	taaattgaca	agctggttag	aaattagaaa	taaaagtctt	900	
gaggca	ataa aagaggtaat	aacataggca	aaaagagctc	ttcttctgga	gagtggttgt	960	
agatgg	agta aacaagttta	ggtactgaac	tgagaatagc	acatggatag	accaattgtg	1020	
gatgaa	ggag actaaagaga	ggtttaacga	atattgaaat	gaacctccag	gtaggttgta	1080	
tttatt	agtt tgctgggaac	aagctgcttt	tctctctct	gtgaagcagg	aaggcaaatt	1140	
tctagt	ggct ttccaaagga	aatgggaaat	ctaaggaaat	ggtttgatac	cagagtgttc	1200	

WO 2005/049798 PCT/US2004/037850

Sequence Listing.ST25 tccttaggtt tattttaatg atggacttaa agatactttc ctatactcat gagctatgtt 1260 gtctctgata ttctttggta tattttacca aaaagataga ataggtgcca caagtattaa 1320 aaattttaga ctcctcagag cattacaaaa aacaagcaca aaatagaagc ctaatatgca 1380 gggaaagtca ctgaccatgc ccttggtact gctgattgta ttgcagagca agagatggac 1440 cctgagggta cttgaagcca acaagtttca cttctggaaa aagacttcag aatatgagtt 1500 taaaatataa aaagggaatt tgagccaaga cacaagaaca aactttttt gacaattata 1560 tctttattat tcctcttaca gagctacatt tactcttact aagtttcaga gtcaggtagt 1620 aatttacagt aagactgaat taccatccat aacgttagat qtccttattq aaacttcaac 1680 atcatttcca aatatcagca ttagcattgt gcttgacatt catttaacqa agttactqaa 1740 aatctattaa gtataagaca tcagttattt ttaatagaag tttctgaaaa catttcagca 1800 1860 tggttcacaa acaggtgtca gggaaataga cagtactttt atagtaataa cataagaaca 1920 aacttcttga aggtaagttt tattaaataa taggacaaca acaagataaa atgacttctt 1980 cctgatattt atatattgat tgctggctgg tcataagact qtttttagqc aacqtqtttt 2040 gaaaaaccag aaagtctact accttgagtt ttcagccacg tgagaatagc aagattcagt 2100 gtttatactt gatagcatct taattaggcc tacaggcctc cctttcacat aactaccttc 2160 aaqtttatga cagctcaaac tcacaattat cattatggag aagagagaag agttaagcta 2220 aaaacagacc actttcagag gacctgaaag caacgtaatc agtcacctat tgccatatac 2280 aagccacccc caaacataat gacttaaaac agcgatcatc tattattgct tatgagtctc 2340 tgagtcagct gaacattcct gctgatctgg gcttggttag gcttatttta gctgtgttca 2400 ttcttggtct gcagatagct gacaatcacc taggggctga ctgtaggcat tccagctgag 2460 atatgctctc tgtgtctttt atcctttagc aggaggaggc ttgctcacag ggtggttaca 2520 2580 ggcatccaag agagtcagca taaatgtgaa aagtttccaa aatatcagat tcagtcctat gtaatctggt ttccattgca ttctcttggc cagagcaagt tgcaagacaa gtccaaattc 2640 aaqaaggtca agaaatacac tccatctcca ggtaggagaa gctgcaaaga actgtgacaa 2700 tctatgacaa atagtatgtt caaagggaat aatatgggaa gatgtgccct ccgccaactt 2760 ctcaqggaaa aatacagctt ttgtaatatt tagtaatata gactgtctaa tatttctaga 2820 qaaatctatq actttgagtt gaaatatctg aggccaacac tccaagcaat tttaaacaag 2880 tggtgacaga aattaccaga cacacatcaa gactcaagta taaagctata caatttaagg 2940 atgctcagca aatgttactg aattgactgg gtagtcccta aagagctgaa gaataaaaga 3000 tgttatgaga aatccaacaa taccaaatat aaattgcctc aggttctgaa atattcaata 3060 aagtattctc actgtagttc cttcagctta gctgatttgg actttggctg tgaaaacatt 3120 Page 2

Sequence Listing.ST25

atcctca	igtg '	tttaaaaggt	tggaaaattc	tactgggtct	ttggcccaac	ctggaattaa	3180
atcctga	tgc	ttagaacctc	aaagtctaaa	atcttctatt	gtcactttac	agagctattg	3240
aaacata	itta a	ataaacttgt	atcatactga	tttgattcta	atttttgtgg	gacattgttt	3300
aaaaatt	gtt	gaaatgcata	tatggaaaat	tgatttttta	agtaaatgta	taacttttaa	3360
aattgta	tcc ·	tacatctaac	tccaaataaa	ggtttaaaaa	caactatgag	caatataagt	3420
aatacat	tta	aaatacattt	aagagaaaga	taaggaaaaa	aggaatgact	catgaaggtt	3480
agtacac	aat	ctatgcatct	tgaatatttg	cacacttacc	aagtatttgg	ctccagggtt	3540
tctggca	gct	aatgcaaaga	gaggaacaga	atcaagtttc	atggtattat	ctggtagact	3600
gtggaag	gcta	tagcatttct	gccccctcat	gttttcacat	tcccctttag	agaacagcac	3660
aata							3664
<210> <211> <212> <213>	2 22 DNA Arti	ficial					
<220> <223>	Arti	ficial Sequ	uence				
<400> actaaga	2 aagt	gcattagtcg	99				22
<210> <211> <212> <213>	3 20 DNA Arti	ficial					
<220> <223>	Arti	ficial Seq	uence				
<400> ttcctg1	3 tgct	ctagcttgct					20
<210> <211> <212> <213>	4 20 DNA Arti	ficial					
<220> <223>	Arti	ficial Seq	uence				
<400> tgcaaa	4 tcta	tgctgcaaaa					20
<210> <211> <212> <213>	5 20 DNA Arti	ificial					

PCT/US2004/037850

	Sequence Listing.ST25	
<220> <223>	Artificial Sequence	
	5 taa tcacgagaaa	20
<211> <212>	6 25 DNA Artificial	
<220> <223>	Artificial Sequence	
	6 gctt ggtgatttag tggac	25
<210> <211> <212> <213>		
<220> <223>	Artificial Sequence	
<400> ctagati	7 tgaa ggccagaaaa catgc	25
<210> <211> <212> <213>	19	
<220> <223>	Artificial Sequence	
<400> aacatc	8 ttag ggcatcctg	19
<210> <211> <212> <213>	9 25 DNA Artificial	
<220> <223>	Artificial Sequence	
<400> aatgat	9 ttaa aatagattag gagca	25
<210> <211> <212> <213>	10 62 PRT Homo sapiens	
<400>	10	
Met Va	l Arg Ser Gln Val Glu Trp Lys Gly Gln Leu Ile Pro Ala Ala Page 4	

1			5			;	Sequ	ence 10	Lis	ting	. ST2	5	15		
Gly S	er A	a Cys 20	Thr	His	Met	Pro	Pro 25	Phe	Ser	Cys	Leu	Leu 30	Thr	Gly	
Ser I	Te G	lu Gly	۷al	His	Asn	Glu 40	Ala	Ser	Cys	Lys	Thr 45	Ser	Pro	Asn	
	rg Ai O	rg Ser	Arg	Asn	Thr 55	Leu	His	Leu	Gln	Arg 60	Asn	Leu			
<210> <211> <212> <213>	45 PR	r no sap	iens												
<400>	11														
Met V 1	al A	rg Ser	Gln 5	val	Glu	Trp	Lys	Gly 10	Gln	Leu	Ile	Pro	A]a 15	Αla	
Gly s	er A	la Cys 20	Thr	His	Met	Pro	Pro 25	Phe	Ser	Cys	Leu	Leu 30	Thr	Gly	
Ser I	le G 3!	lu Gly	٧a٦	His	Asn	G]u 40	Ala	Arg	Asp	Gly	Pro 45				
<210> <211> <212> <213>	189 DN		iens												
<400> atggt		a gcca	agtg	ga at	tggaa	aagga	a cag	gctca	atcc	cgg	:ggc1	tgg (gagto	gcatgo	60
acaca	catg	cccc	tttt	tc ti	tgcc1	tacta	a aca	aggat	cta	taga	aaggo	cgt a	acata	aatgaa	120
gcaag	ttgc	a agac	aagt	cc a	aatto	caaga	a agg	gtcaa	agaa	atad	cacto	cca ¹	tctc	cagaga	180
aatct	atga														189
<210><211><212><213>	13: DN		iens												
<400>															
		a gcca													
acaca	catg	c cccc	tttt	tc t	tgcc	tacta	a aca	agga	tcta	taga	aagg	cgt	acata	aatgaa	
gcaag	agat	g gacc	ctga												138
-210-	14														

<210> 14

		Sequence Listing.ST25	
<211> <212> <213>	20 DNA Artificial	·	
<220> <223>	Artificial Sequence		
	14 aaat ccaagactca	-	20
<210> <211> <212> <213>	21		
<220> <223>	Artificial Sequence		
<400>. ctcctt	15 catc cacaattggt c		21
<210> <211> <212> <213>	21		
<220> <223>	Artificial Sequence		
<400> tcatcg	16 atta gccacctctt c		21
<210> <211> <212> <213>	21		
<220> <223>	Artificial Sequence		
<400> tgtcaa	17 gcac aatgctaatg c		21
<210> <211> <212> <213>		· · · · ·	
<220> <223>	Artificial Sequence		
<400> ggtttg	18 atac cagagtgttc tcc		23
<210><211><211><212><213>			

Sequence Listing.ST25

<220> <223>	Artificial Sequence		
	19 gac cagccagcaa t		21
	20 21 DNA Artificial		
<220> <223>	Artificial Sequence		
<400> gcattag	20 gcat tgtgcttgac a		21
<210> <211> <212> <213>	21 21 DNA Artificial		
<220> <223>	Artificial Sequence		
<400> ctgacte	21 ctct tggatgcctg t		21
<210> <211> <212> <213>	22 23 DNA Artificial		
<220> <223>	Artificial Sequence		
<400> gtcacc	22 tatt gccatataca agc		23
<210> <211> <212> <213>	23 21 DNA Artificial		
<220> <223>	Artificial Sequence		
<400> tgttgg	23 cctc agatatttca a		21
<210> <211> <212> <213>	24 20 DNA Artificial		
<220> <223>	Artificial Sequence	Page 7	

sequence Listing.5125	
<400> 24 gctgcaaaga actgtgacaa	20
<210> 25 <211> 23 <212> DNA <213> Artificial	
<220> <223> Artificial Sequence	
<400> 25 ccaaatactt ggtaagtgtg caa	23

PCT/US2004/037850

WO 2005/049798